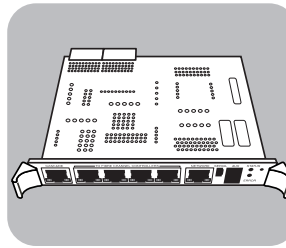


HP StorageWorks

EML E-Series Interface Manager Replacement

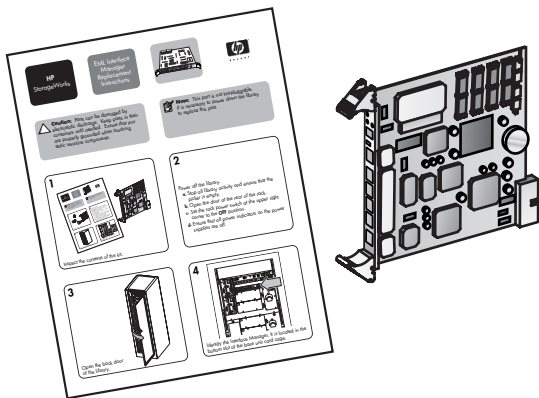


Caution: Parts can be damaged by electrostatic discharge. Keep parts in their containers until needed. Ensure that you are properly grounded when touching static sensitive components.



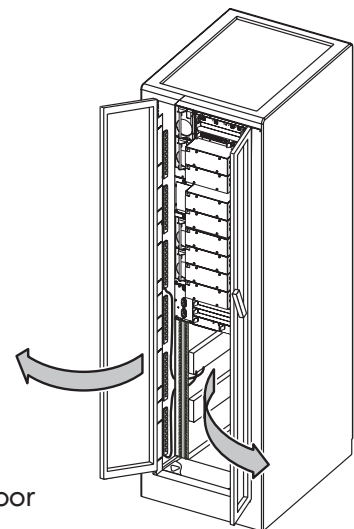
Note: This part is not hot-pluggable. It is necessary to power down the library to replace this part.

1



Inspect the contents of the kit.

2



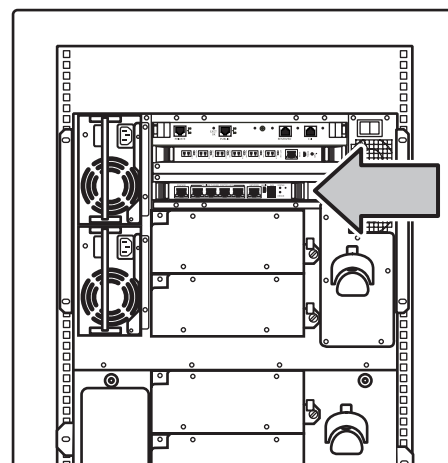
Open the back door of the library.

3

Power off the library.

- Stop all library activity and ensure that the picker is empty.
- Set the library power switch at the upper right corner to the **OFF** position.
- Ensure that all power indicators on the power supplies are off.

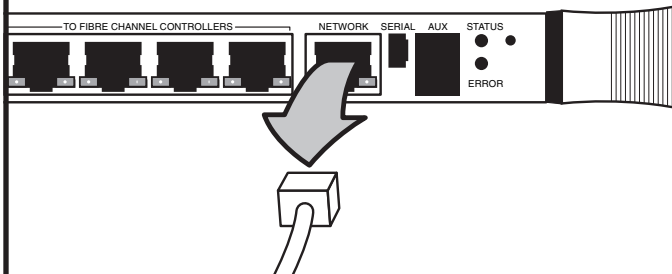
4



Identify the Interface Manager. It is located in the bottom slot of the base module card cage.

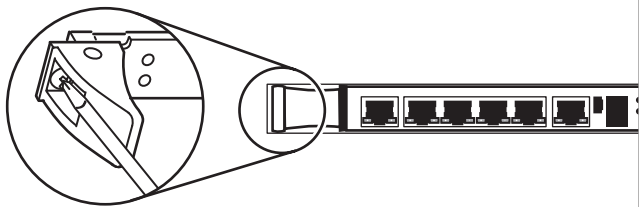
5

Removal



Remove all cables connected to the Interface Manager, after noting where they are connected.

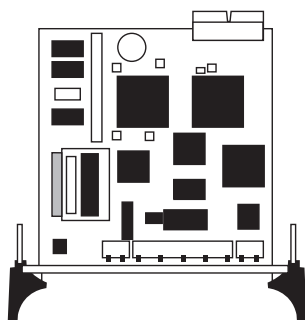
6



Use a #2 Phillips screwdriver to loosen the captive screws in the black ejector handles at both ends of the Interface Manager. Push the ejector handles toward the outside, then pull on them to remove the controller.

7

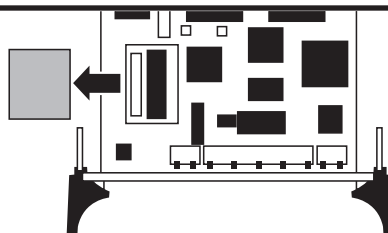
Memory Module Relocation



Relocate the memory module.

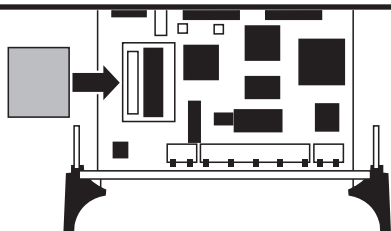
- a. Position the existing Interface Manager card battery-side up to access the memory module.

8



- b. Grasp the edges of the memory module and slide it out of the flash memory slot. If needed, push a pen into the corner notches of the flash memory slot to unseat the memory module.
- c. Remove the replacement Interface Manager card from its protective sleeve and place it on your work surface. (This card should also face battery-side up.)

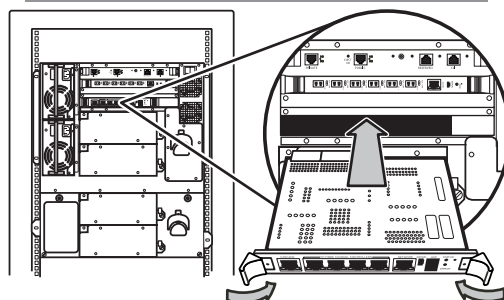
9



- d. With the connector going in first, align the sides of the memory module with the flash memory slot on the replacement Interface Manager card. Gently slide the memory module into the slot until it is securely seated.
- e. If the memory module does not slide in easily, the module is upside down. Pull the module back out, flip it over, and reinsert it into the slot.

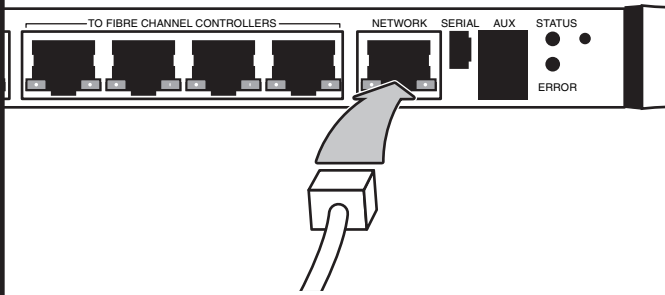
10

Replacement



Align the replacement Interface Manager with the guides in the base module card cage and slide the Interface Manager into the library. Push the ejection handles inward to fully seat the card. Tighten the captive screws.

11



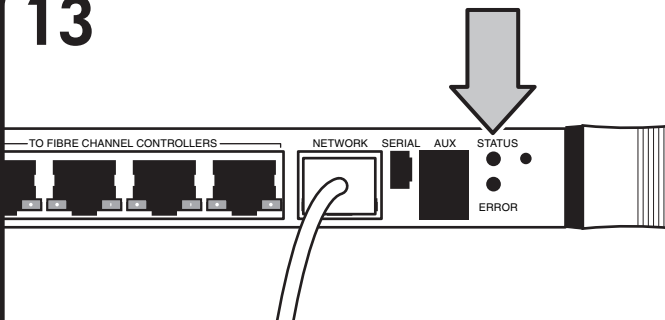
Reconnect the cables to the interface controller exactly as they were connected to the original board.

12

Power on the library.

- Set the library power switch at the upper right corner to the **ON** position.
- Check the power supply power indicators to verify that the power is on.
- Verify that the library robotics controller Active indicator is lit.

13

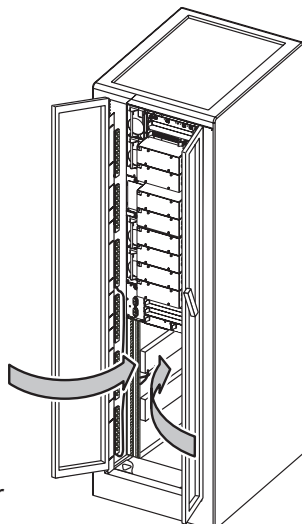


Verify that the status LEDs of the Interface Manager card indicate a normal state. For a description of LED diagnostic codes, refer to the *Troubleshooting* chapter of the *HP StorageWorks Interface Manager and Command View TL installation guide*.



Note: Because all of the configuration settings of the Interface Manager are stored in the memory module that you replaced in steps 7 through 9, your replacement Interface Manager card retains the configuration of the original card. To verify or change these settings, refer to the *HP StorageWorks Interface Manager and Command View TL user guide*.

14



Close the back door of the library.

Getting help

- HP product information:
<http://www.hp.com/products/tapestorage>
- HP technical support and phone numbers:
<http://www.hp.com/support>
- HP StorageWorks Library and Tape Tools (L&TT) diagnostic software:
<http://www.hp.com/support/tapetools>
- Interface Manager and HP StorageWorks Command View TL:
<http://www.hp.com/support/cvtil>

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